

5135(N)

B.D.S. Supply. & Main Examination,
November-2019

HUMAN ANATOMY, EMBRYOLOGY,
HISTOLOGY & MEDICAL GENETICS

(BDS-01 (N))

Time : Three Hours]

[Maximum Marks : 70

Note : Attempt all questions of Part-I and Part-II. Use
separate copy for Part-I and Part-II.

Part-I

1. Describe the Facial Nerve under the following headings : 8

- (a) Functional column and Nuclei.
(b) Course and Relations
(c) Branches and distribution.
(d) Applied anatomy.

2. Describe cleft lip and cleft palate. 8

3. Write short notes on : 3×3=9

- (a) Microanatomy of Parotid gland.
(b) Pterygopalatine ganglion.
(c) Sternocleidomastoid muscle

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(2)

4. Write correct answer of the following MCQs :

5×2=10

- (i) Thyroid follicles are lined by which type of epithelium :

- (a) Squamous
(b) Cuboidal
(c) Transitional
(d) Stratified Squamous.

- (ii) The spinal cord in Infants ends at the level of :

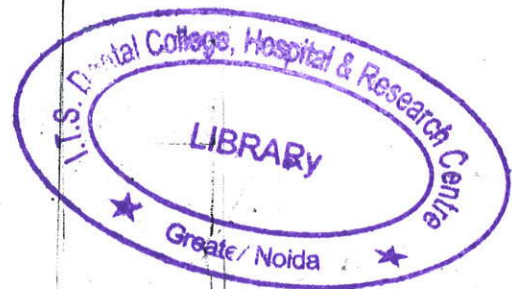
- (a) L₁ (b) L₂
(c) L₃ (d) L₄

- (iii) Mastoid antrum is present in which part of the bone :

- (a) Tympanic
(b) Petrous
(c) Squamous
(d) Mastoid.

- (iv) Nasolacrimal duct opens into the

- (a) Supreme meatus
(b) Superior meatus
(c) Middle meatus
(d) Inferior meatus.



(3)

(v) Otic ganglia is related to :

- (a) 9th Nerve
- (b) 10th Nerve
- (c) 8th Nerve
- (d) 7th Nerve.

Part-II

5. Describe the Temporo-mandibular joint under the following headings: 8

- ~~(a)~~ Articulating surfaces of bones
- ~~(b)~~ Movements of the joints and muscles producing the movements
- (c) Blood supply
- (d) Applied anatomy.

6. Describe the Nerve supply of tongue and its correlation with the development of tongue. 8

7. Write short notes on : 3×3=9

- (a) Microanatomy of Thyroid gland
- (b) Anomalies of Placenta
- (c) Dangerous area of face.✓

8. Write correct answer of the following MCQs: 2×5=10

(i) Abductor of vocal cords is

- (a) Thyroarytenoid
- (b) Lateral cricoarytenoid
- (c) Posterior cricoarytenoid
- (d) Cricothyroid

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(ii) Parotid duct opens :

- (a) Opposite 1st Molar
- (b) Opposite 2nd Molar✓
- (c) Into the papilla
- (d) Opposite Incisor.

(iii) Superior Thyroid Artery is a branch of :

- ~~(a)~~ External Carotid Artery
- (b) Internal Carotid Artery
- (c) Common Carotid Artery
- (d) Arch of Aorta.

(iv) All are paired dural venous sinuses except :

- (a) Superior petrosal
- (b) Inferior petrosal
- (c) Superior Sagittal
- (d) Transverse.

(v) Broca's area is present in :

- (a) Superior temporal gyrus
- (b) Precentral gyrus
- (c) Post central gyrus
- (d) Inferior frontal gyrus.